



**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q76765

Fujio AKAHANE, et al.

Appln. No.: 10/629,899

Group Art Unit: 3725

Confirmation No.: 6246

Examiner: not yet assigned

Filed: July 30, 2003

For: METHOD OF PUNCHING SMALL HOLE AND METHOD OF MANUFACTURING  
LIQUID EJECTION HEAD USING THE SAME

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents, other than any U.S. patents and patent publications, is submitted herewith.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

INFORMATION DISCLOSURE STATEMENT

U.S. Appln. No.: 10/629,899

filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations:

**English language abstracts, submitted herewith, constitute concise statements of relevance for JP-A- Nos. 10-196759, 11-063146, 110-281269, 1-169169, 1-312266, 2000-65193 and 6-72652.**

**An English language abstract, submitted herewith, constitutes a concise statement of relevance for JP-B- No. 6-72652.**

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.


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WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Respectfully submitted,

  
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Registration No. 23,063

Date: March 8, 2004

Substitute for Form 1449 A & B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	10/629,899
				Confirmation Number	6246
				Filing Date	July 30, 2003
				First Named Inventor	Fujio AKAHANE
				Art Unit	3725
				Examiner Name	not yet assigned
Sheet 1 of 1				Attorney Docket Number	Q76765

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US 5,888,160	A	3/30/1999	MIYATA et al.
		US 6,171,210	A	1/9/2001	MIYATA et al.
		US			
		US			
		US			
		US			
		US			
		US			
		US			

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		JP	10-196759	A	7/31/1998	NIPPON SEIKO KK	YES
		JP	11-063146	A	3/5/1999	NIPPON SEIKO KK	YES
		JP	10-281269	A	10/23/1998	NIPPON SEIKO KK	YES
		JP	1-169169	A	7/4/1989	NIPPON SEIKO KK	YES
		JP	1-312266	A	12/18/1989	NIPPON SEIKO KK	YES
		JP	2000-65193	A	3/3/2000	NISSAN MOTOR CO LTD	YES
		JP	6-72652	B2	9/14/1994	NISSAN MOTOR CO LTD	YES

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		NSK TECHNICAL JOURNAL MOTION & CONTROL No. 10 APRIL 2001	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.